

## Figures

28 pages of color drawings  
(three sets enclosed)

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FIGURE 1. HYDROGEN THERMOLYSIS REACTOR AND HYBRID GAS-FIRED TURBINE ENGINE/STEAM TURBINE ENGINE (THE PREFERRED EMBODIMENT OF THE INVENTION)

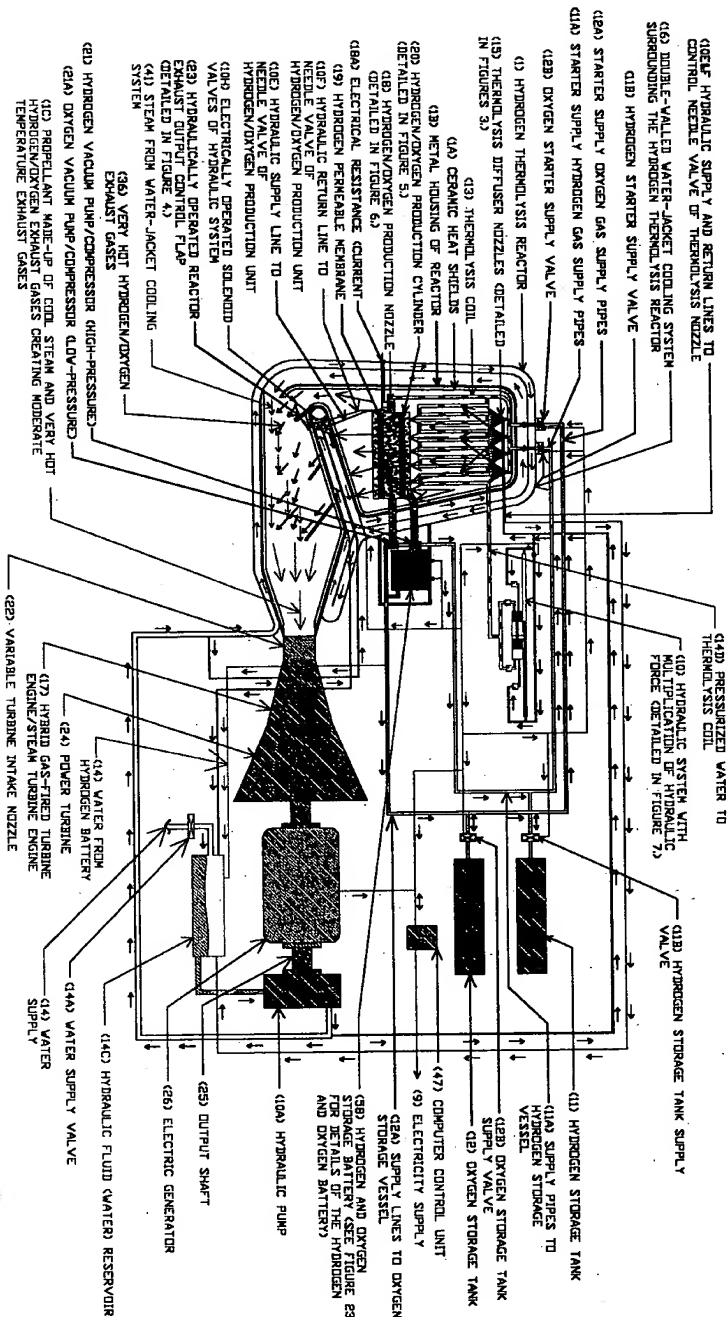


FIGURE 2. HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING ELECTRIC CURRENT RESISTANCE HEATING AND AN ELECTRIC ARC TO HEAT/IGNITE HYDROGEN/OXYGEN FUEL PLASMA

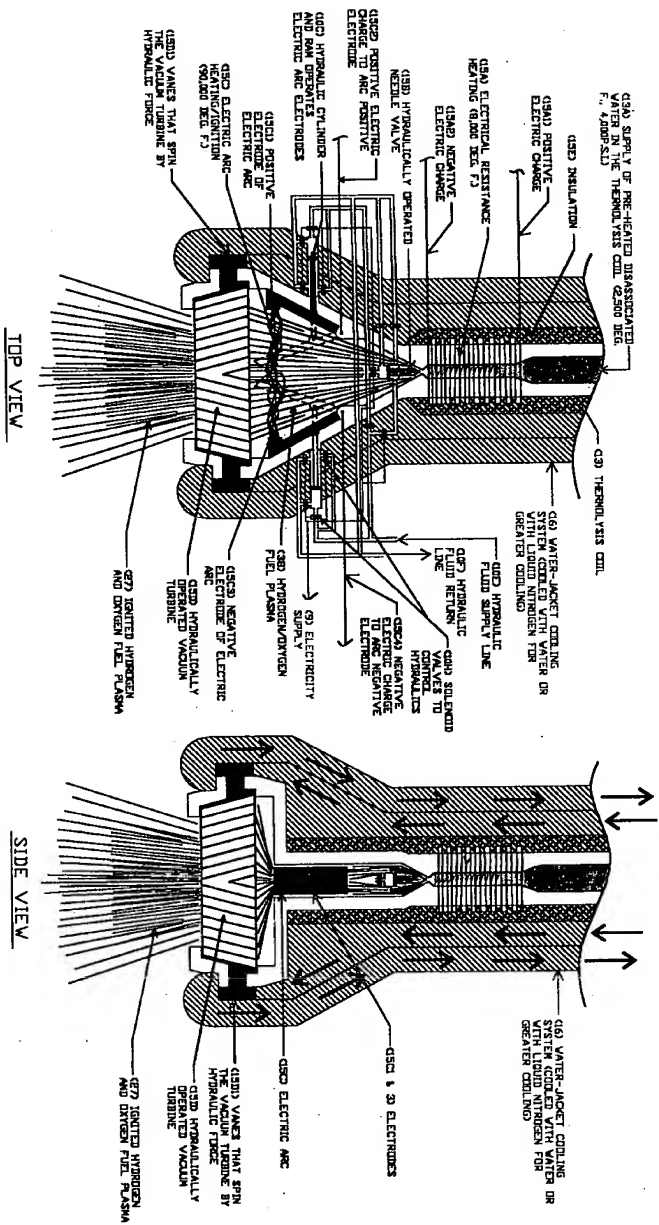


FIGURE 3. HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING MASERS TO HEAT THE PRESSURIZED WATER AND LASERS TO HEAT/IGNITE THE HYDROGEN/OXYGEN FUEL PLASMA

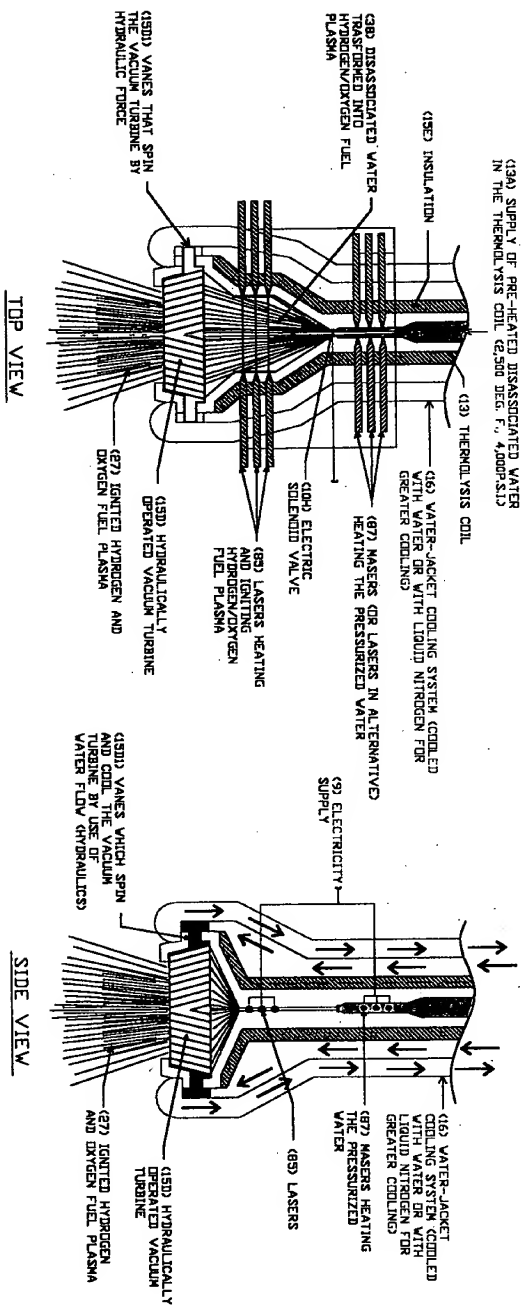
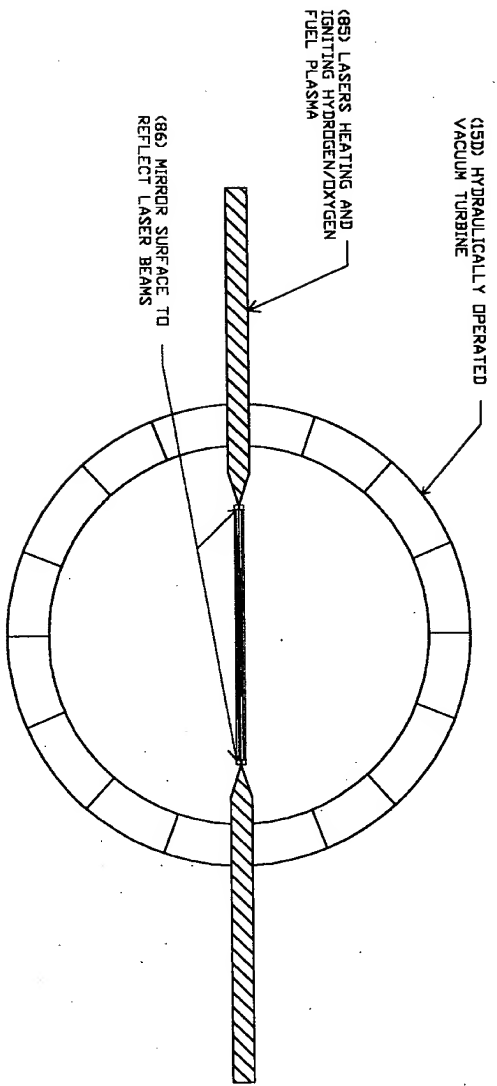


FIGURE 3A. DETAIL OF LASERS HEATING/IGNITING THE HYDROGEN/OXYGEN FUEL PLASMA



DETAIL OF LASER CROSS SECTION  
FROM AN END VIEW OF FIGURE 3.

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FIGURE 4. DETAIL OF HYDRAULICALLY OPERATED REACTOR EXHAUST OUTPUT CONTROL VALVE (FLAP) TO MAINTAIN HEAT IN THE HYDROGEN THERMOLYSIS REACTOR

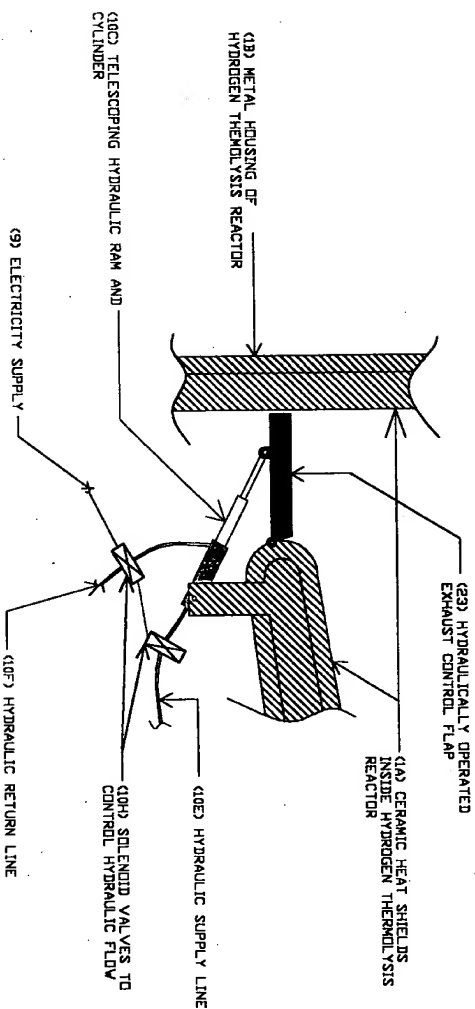
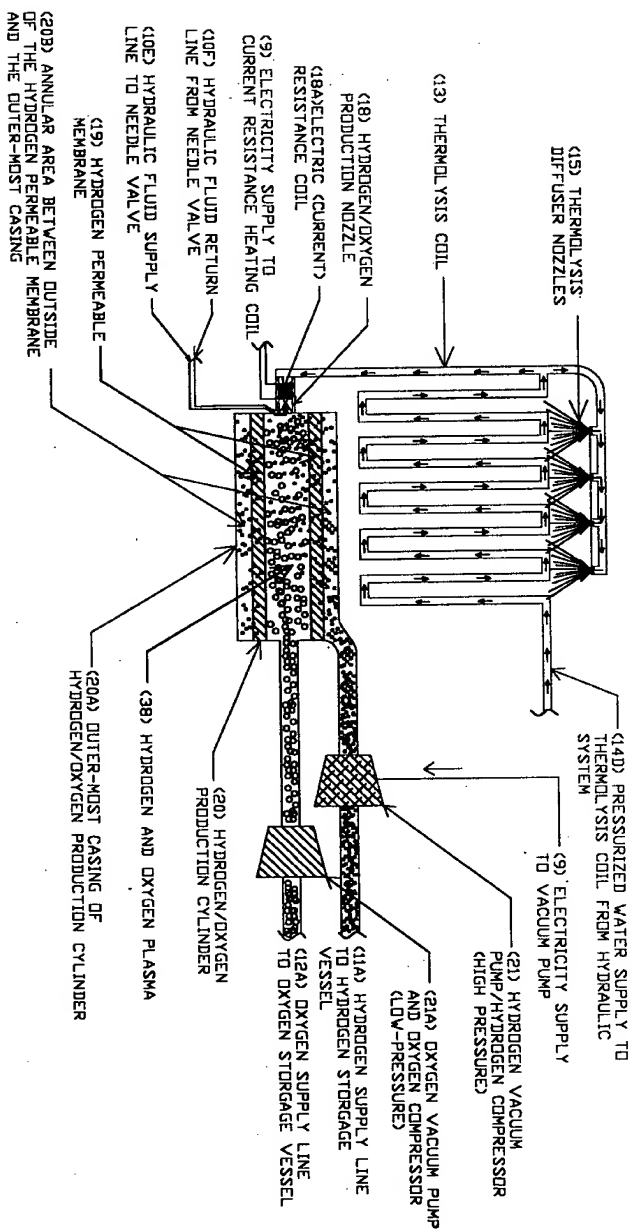
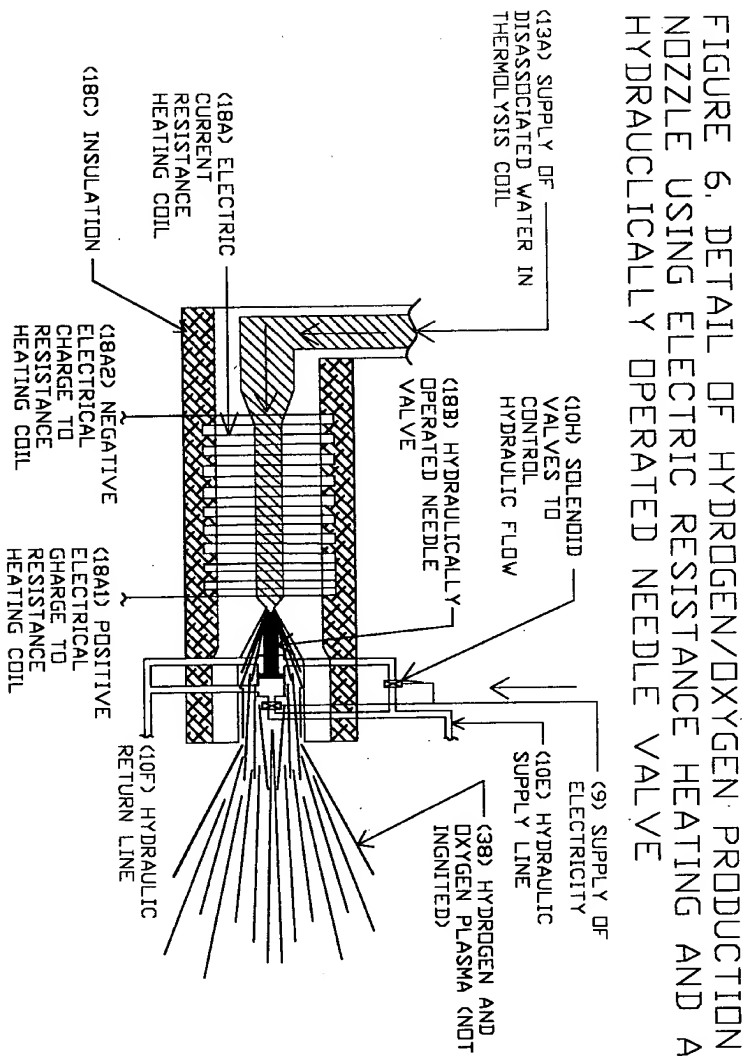


FIGURE 5. DETAIL OF HYDROGEN THERMOLYSIS REACTOR  
CORE AND HYDROGEN/OXYGEN PRODUCTION CYLINDER



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FIGURE 6A. HYDROGEN/OXYGEN PRODUCTION NOZZLE AND HYDROGEN AND OXYGEN PRODUCTION CYLINDER USING MASER AND/OR LASER HEATING

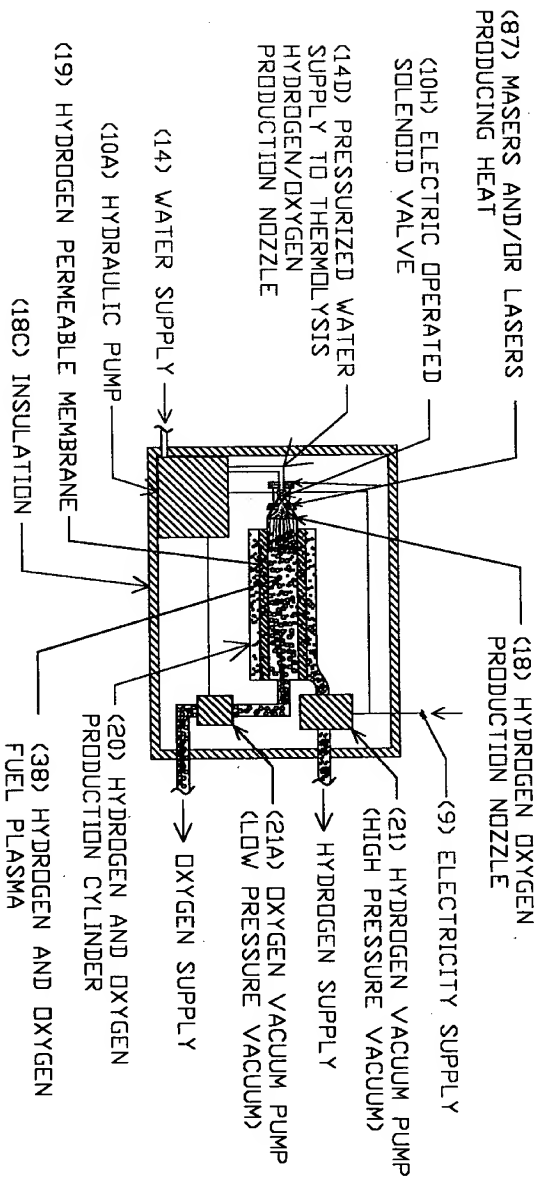
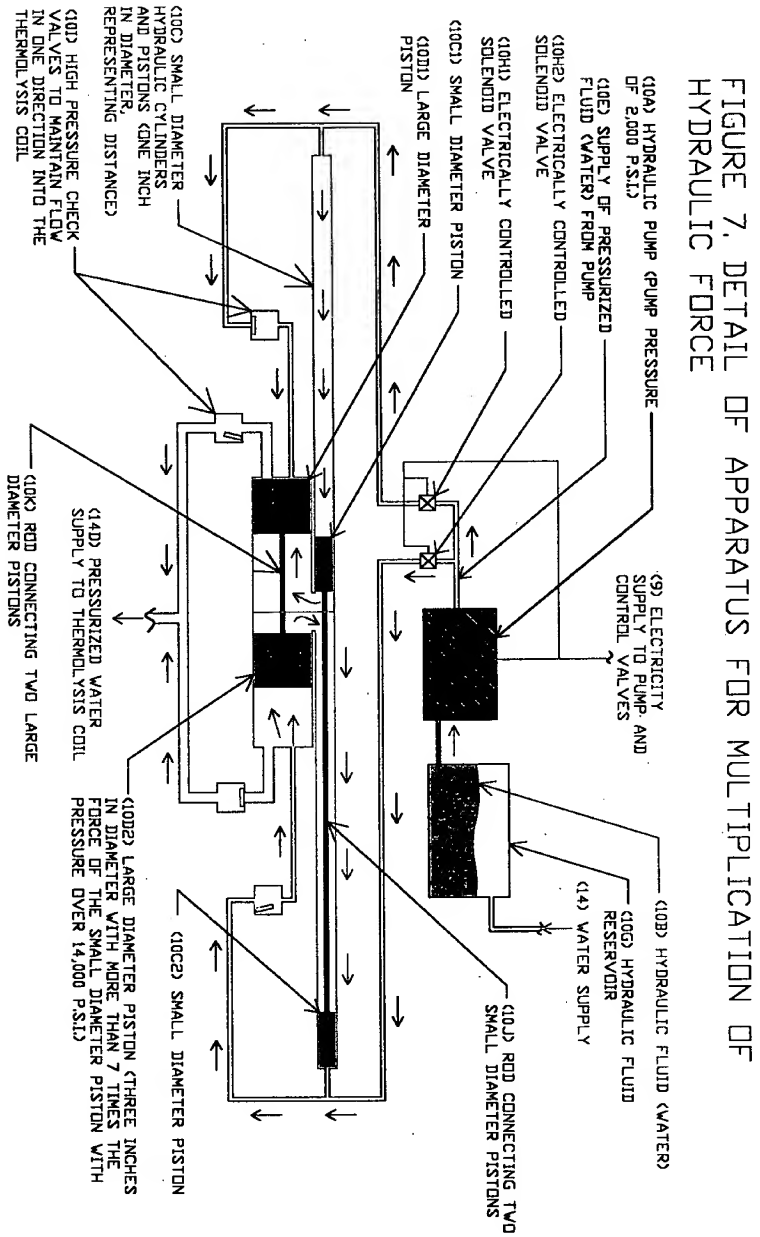


FIG. 7. DETAIL OF APPARATUS FOR MULTIPLICATION OF HYDRAULIC FORCE



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FIGURE 8. TEST UNIT TO PROVE THE  
CONCEPT OF THE INVENTION OF THE  
HYDROGEN THERMOLYSIS REACTOR

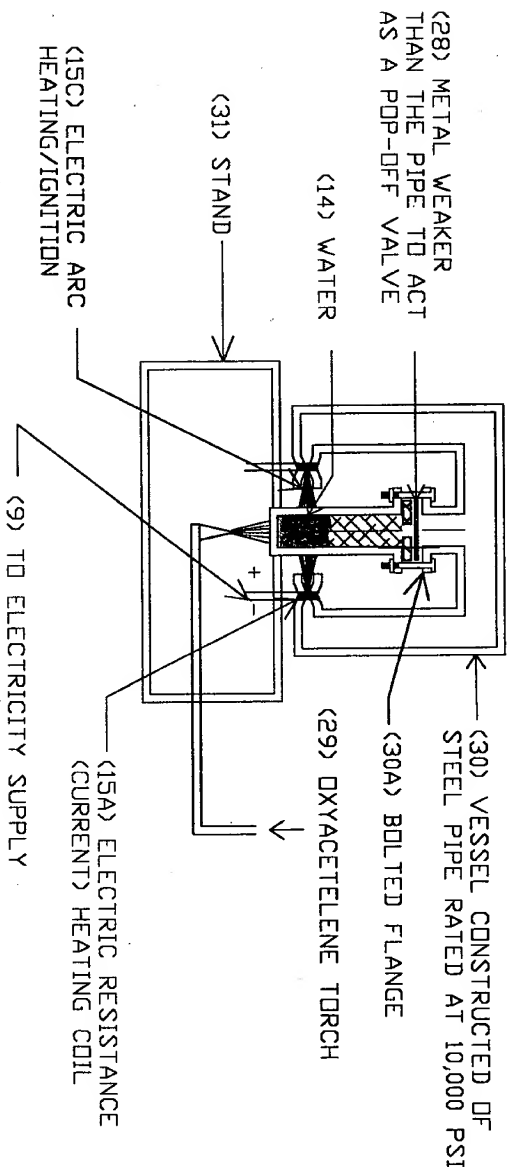


FIGURE 9. PISTON DRIVEN HYDRAULIC ENGINE USING  
HYDRAULIC MULTIPLICATION TO GENERATE GREATER POWER

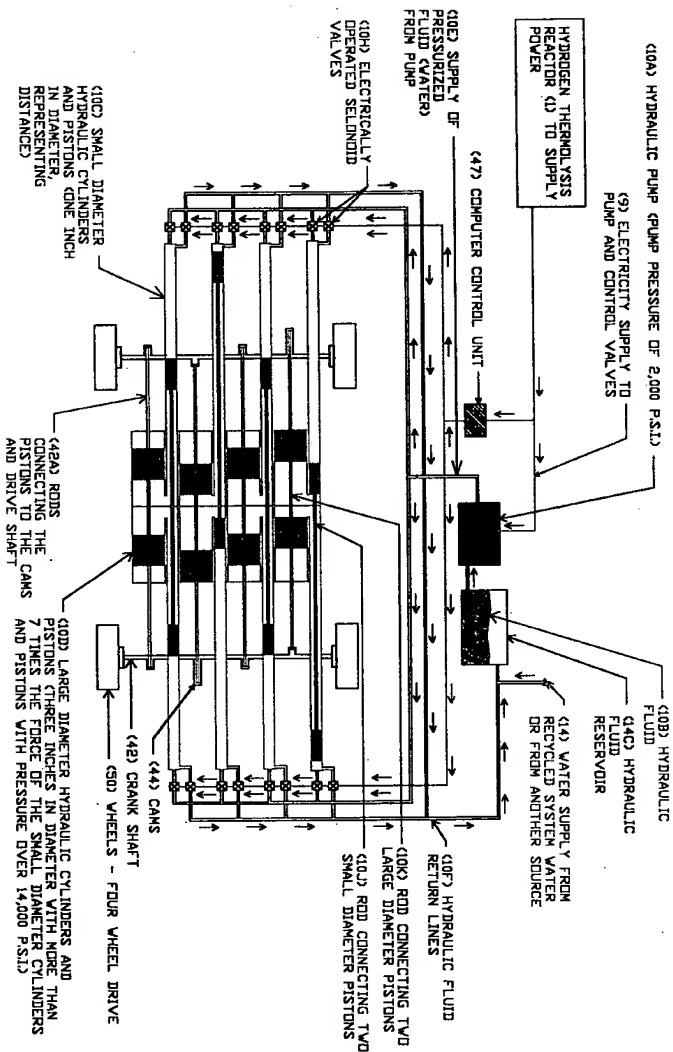


FIGURE 10. HYDROGEN THERMOLYSIS REACTOR POWERED  
STEAM ENGINE USING MULTIPLICATION OF HYDRAULIC  
FORCE TO GENERATE GREATER POWER

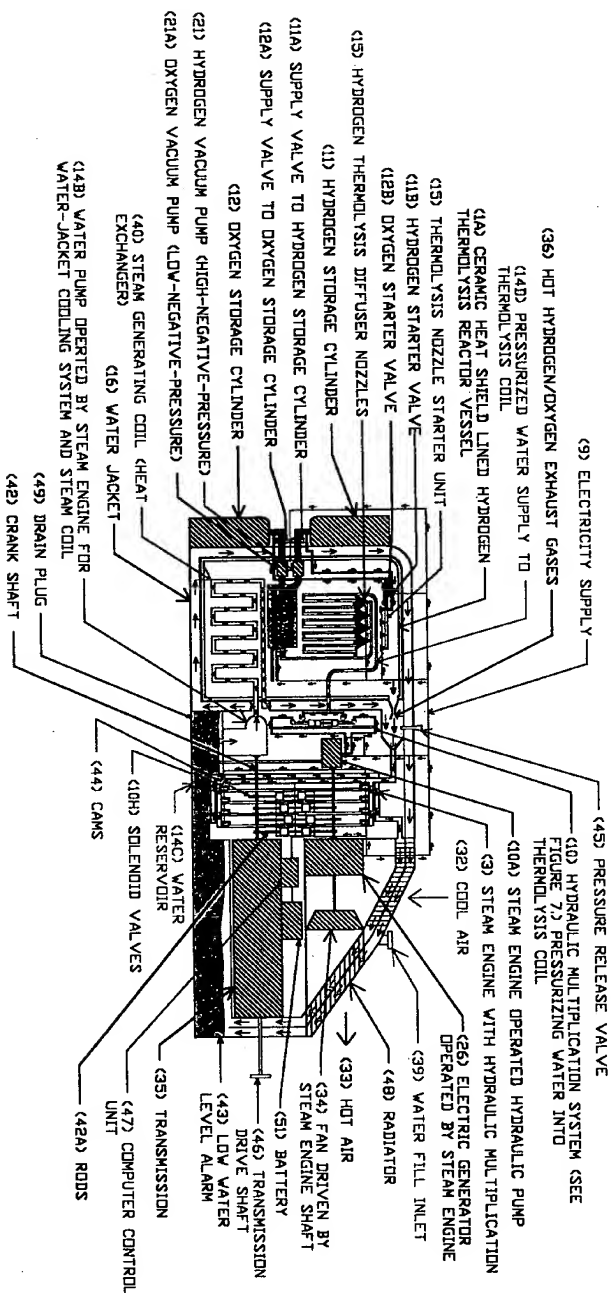


FIGURE 11. HYDROGEN THERMOLYSIS REACTOR, FUEL CELL AND ELECTRIC DRIVE MOTOR VEHICLE POWER UNIT

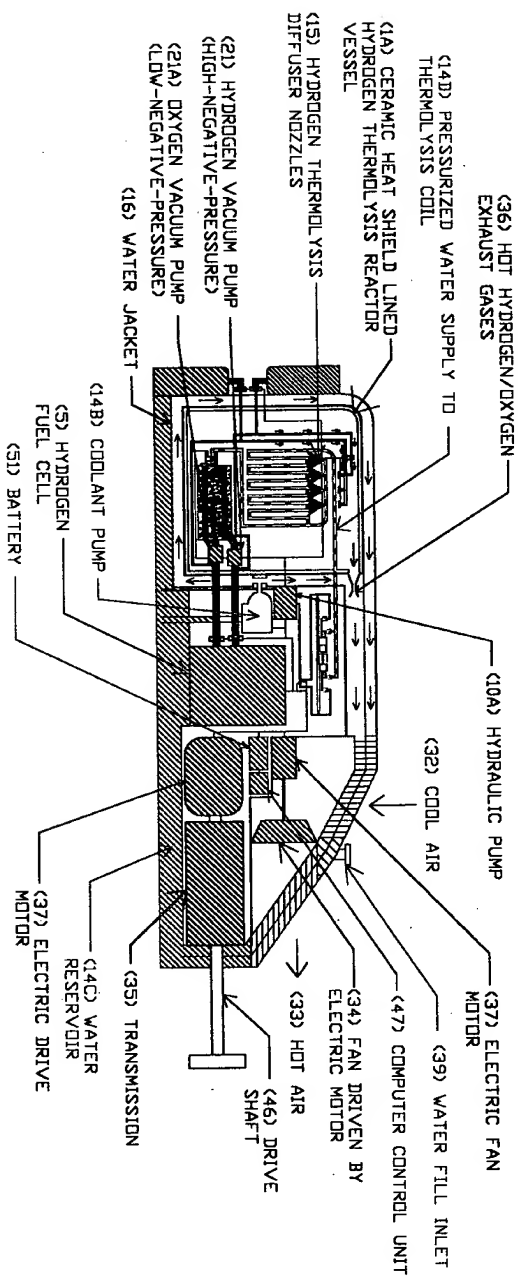


FIGURE 12. HYDROGEN THERMOLYSIS REACTOR COMBUSTION  
ENGINE VEHICLE POWER UNIT

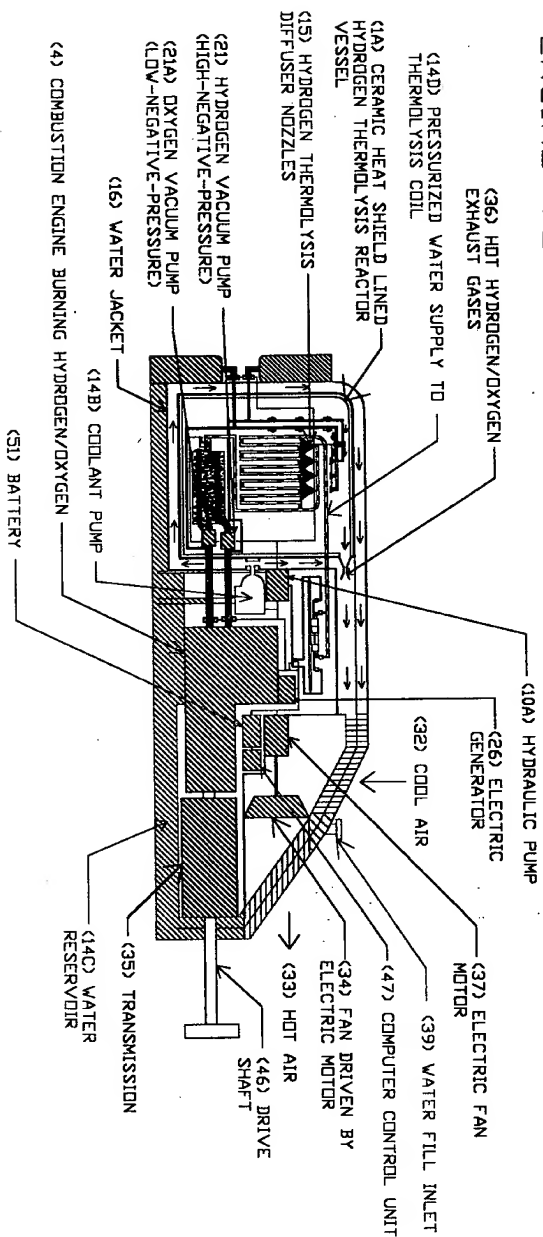


FIGURE 13. HYDROGEN THERMOLYSIS REACTOR POWERED JET PROPULSION ENGINE AIRPLANE AND/OR ROCKET SHIP WITH LIFE SUPPORT SYSTEM

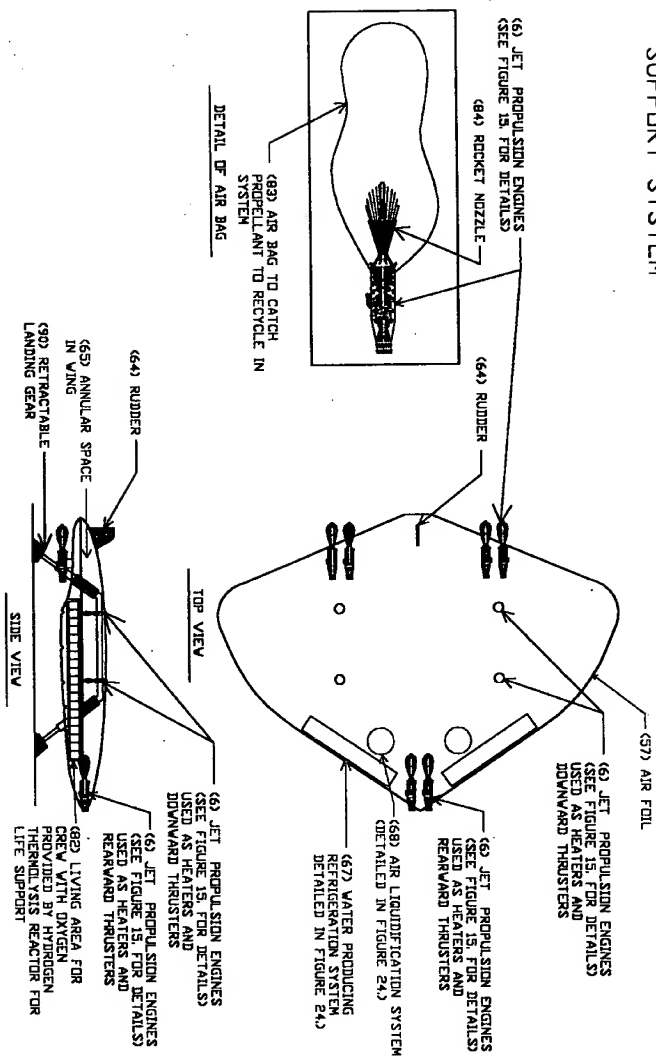




FIGURE 14. HYDROGEN THERMOLYSIS REACTOR POWERED BOAT WITH AIR-FOL  
HEATERS FOR LIGHTER-THAN-AIR BOAT



FIGURE 15. HYDROGEN THERMOLYSIS REACTOR  
POWERED JET PROPULSION ENGINE

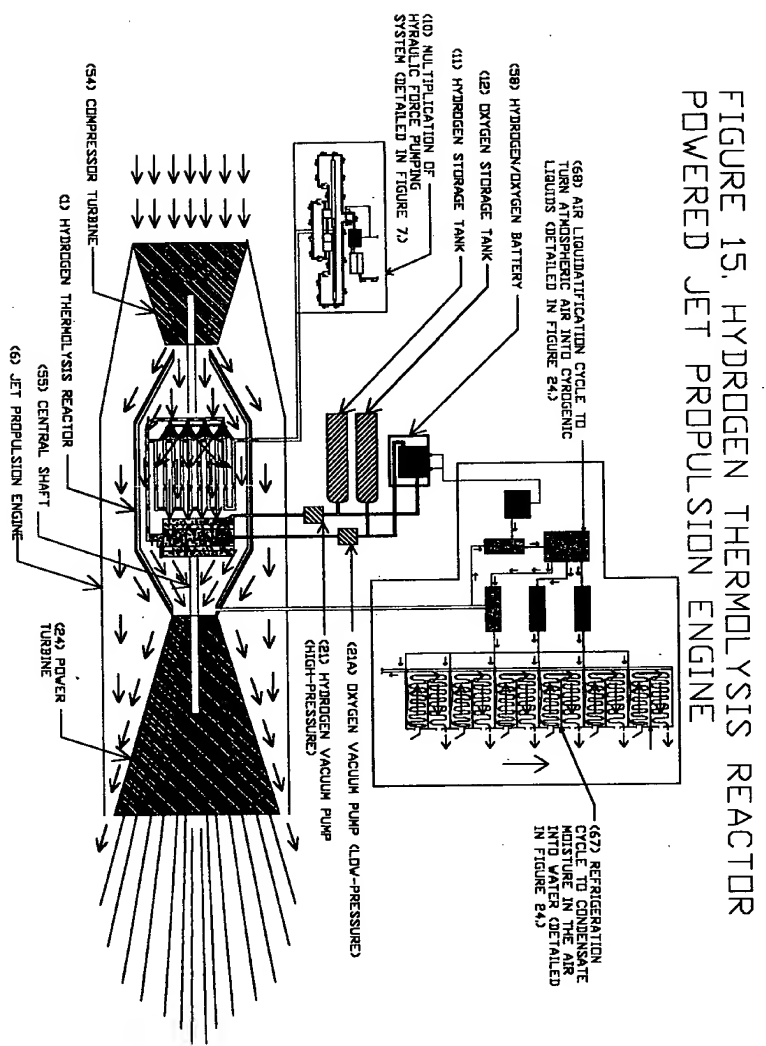
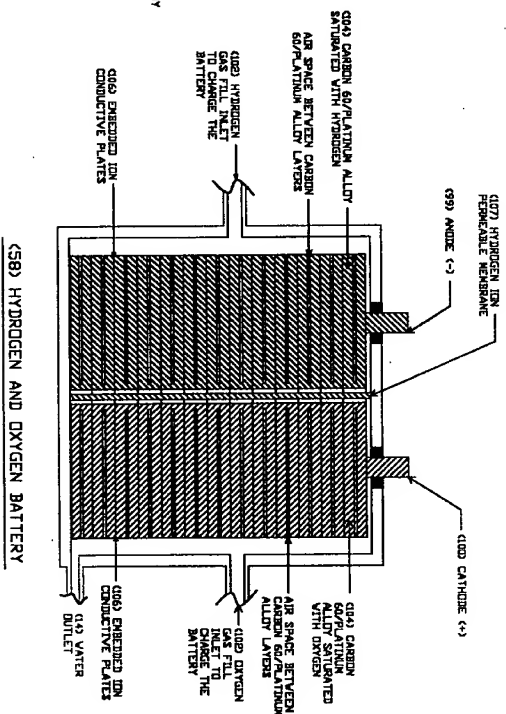
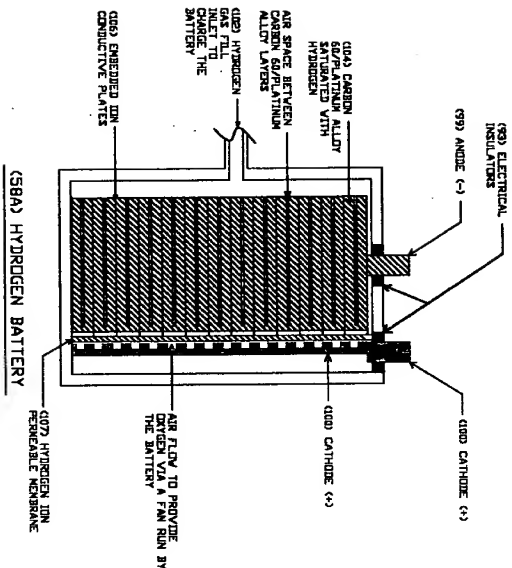




FIGURE 17. HYDROGEN BATTERY AND HYDROGEN/OXYGEN BATTERY





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FIGURE 18A. CROSS SECTIONAL VIEW OF CENTER  
OF SUBMARINE WITH HYDROGEN THERMOLYSIS  
DIFFUSER NOZZLES AND STEAM TUBES

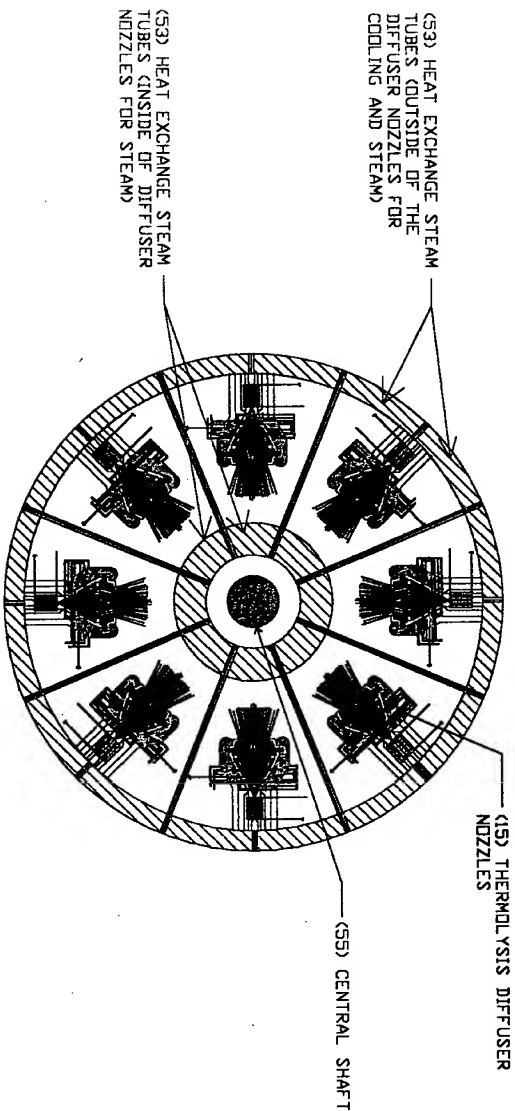
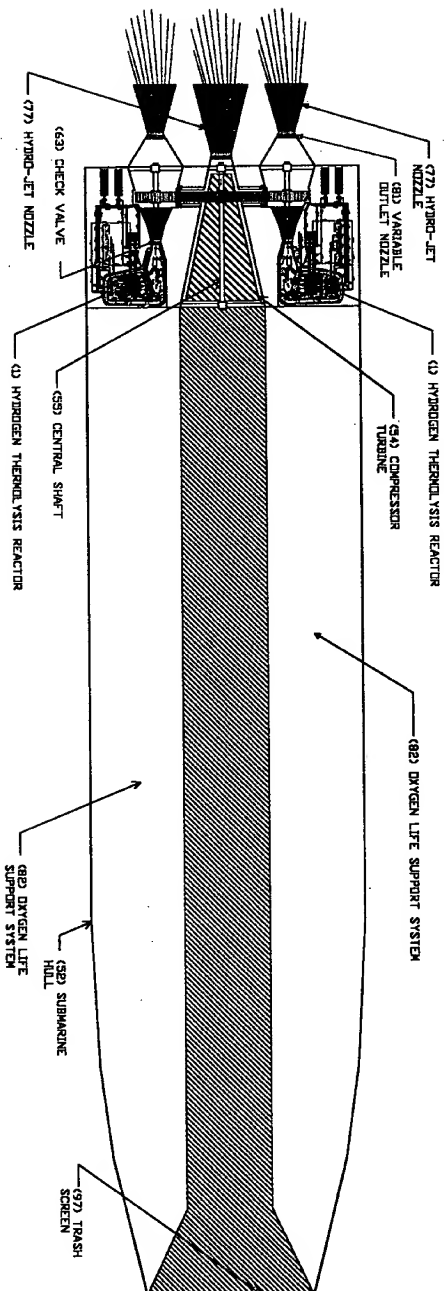


FIGURE 19. SUBMARINE POWERED BY HYDROGEN  
THERMOLYSIS REACTOR POWERED JET PROPULSION  
ENGINES USING A HYDRO-JET ATTACHMENT



SIDE VIEW

FIGURE 20. DETAIL OF HYDROGEN THERMOLYSIS REACTOR POWERED JET PROPULSION ENGINES AND HYDRO-JET ATTACHMENT

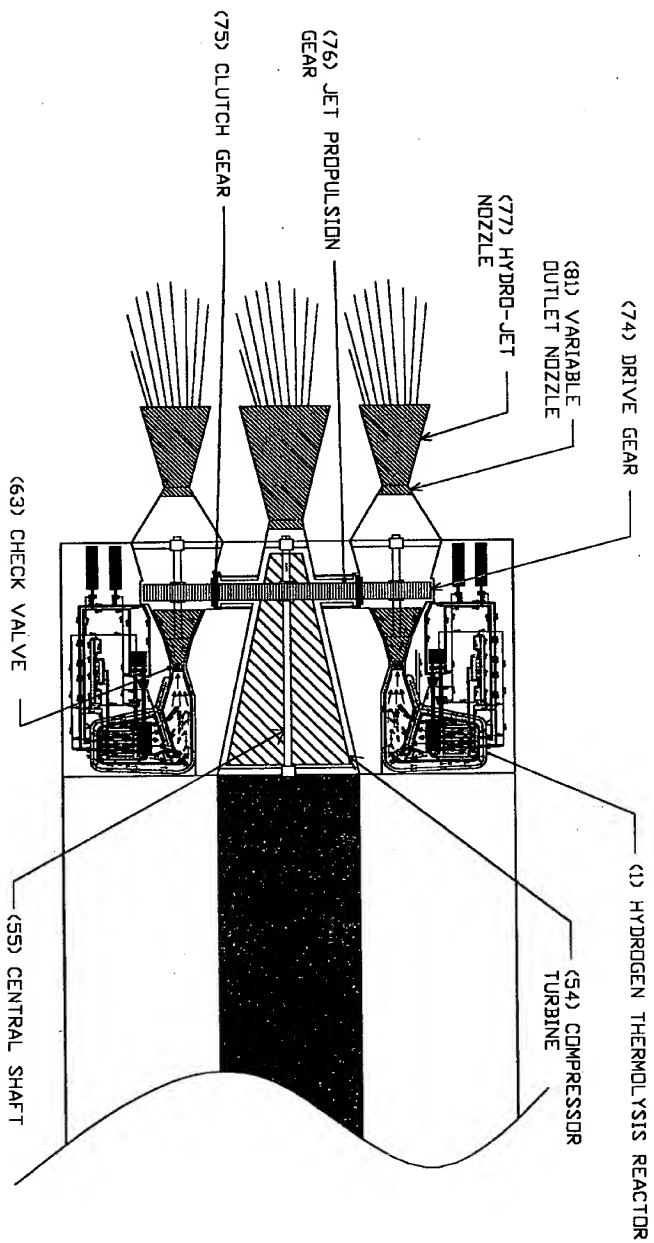




FIGURE 21. MINATURE HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING MASERS AND LASERS FOR SPARK PLUG REPLACEMENT TO RETROFIT COMBUSTION ENGINES

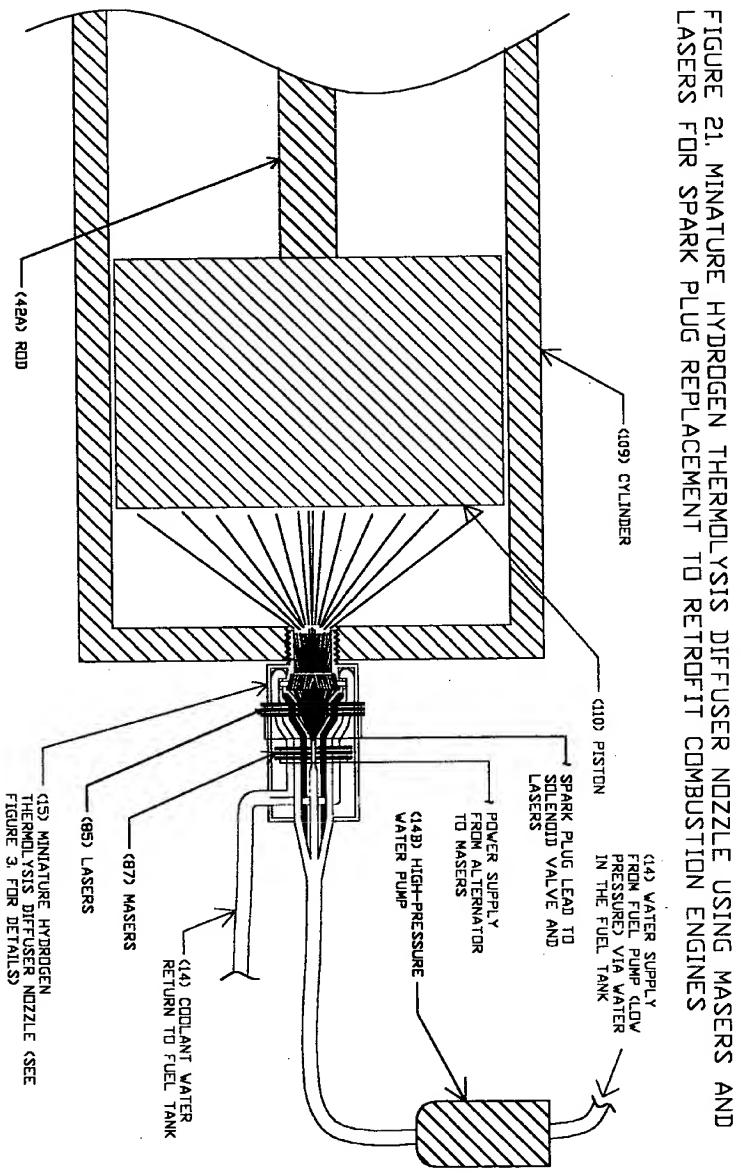


FIGURE 21. MINATURE HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING MASERS AND LASERS FOR SPARK PLUG REPLACEMENT TO RETROFIT COMBUSTION ENGINES

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FIGURE 22. THERMOLYSIS HYDROGEN/OXYGEN PRODUCTION NOZZLE POWERED FUEL CELL

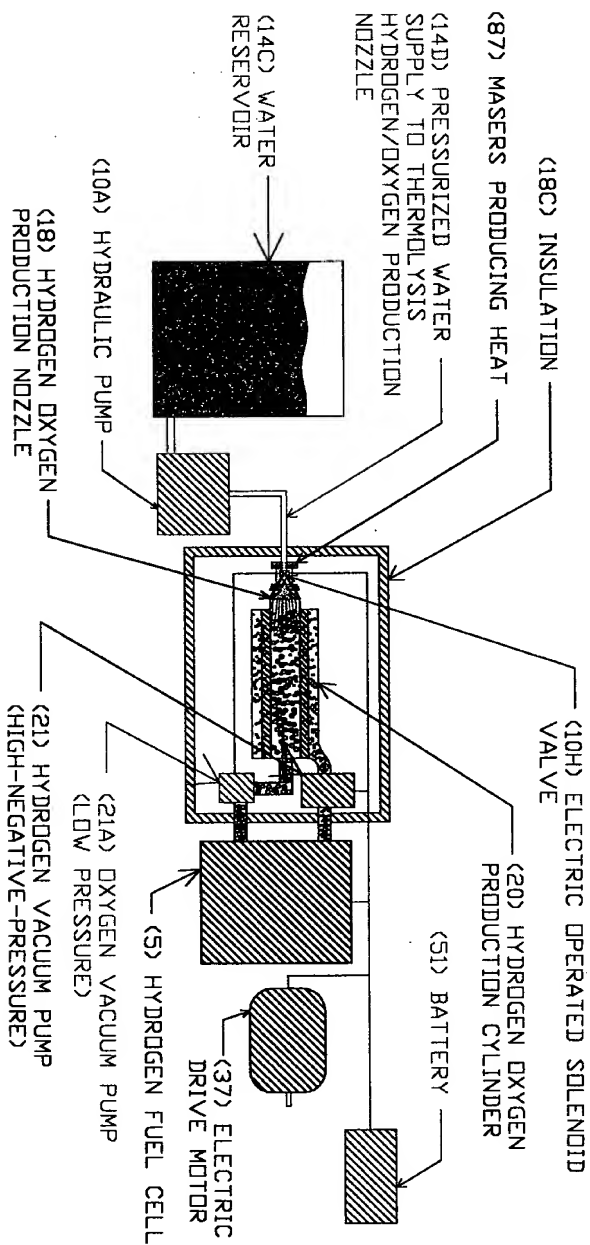


FIGURE 23. HYDROGEN AND OXYGEN PRODUCTION  
NOZZLE POWERED HYDROGEN/OXYGEN BATTERY

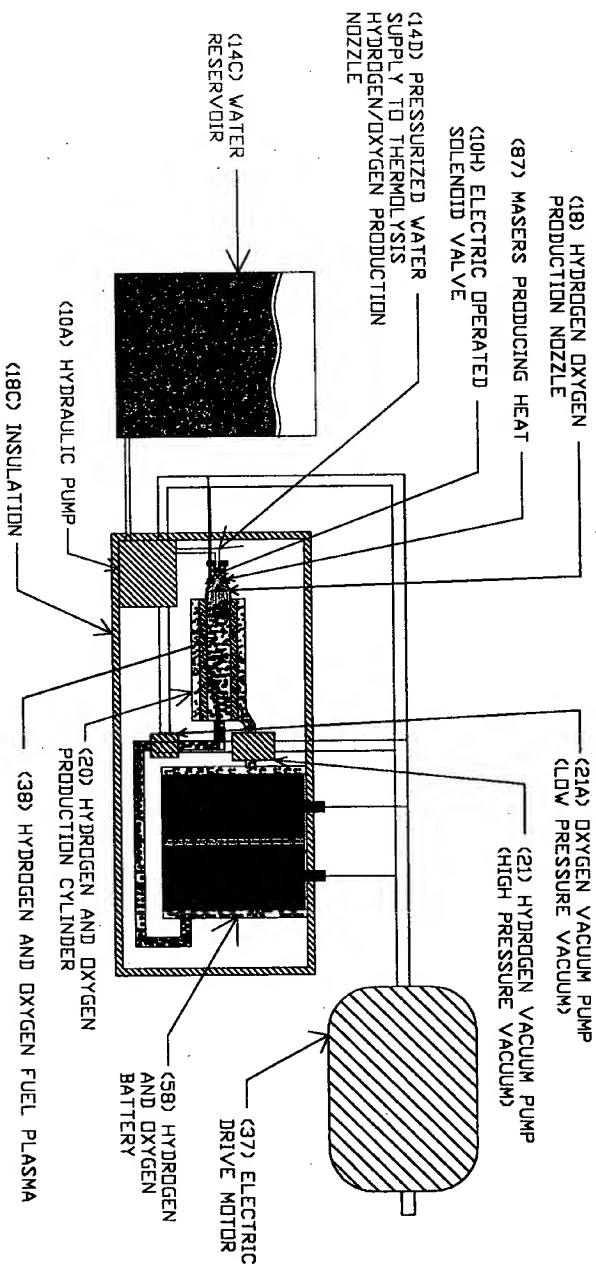


FIGURE 24. AIR LIQUIDIFICATION AND REFRIGERATION SYSTEM

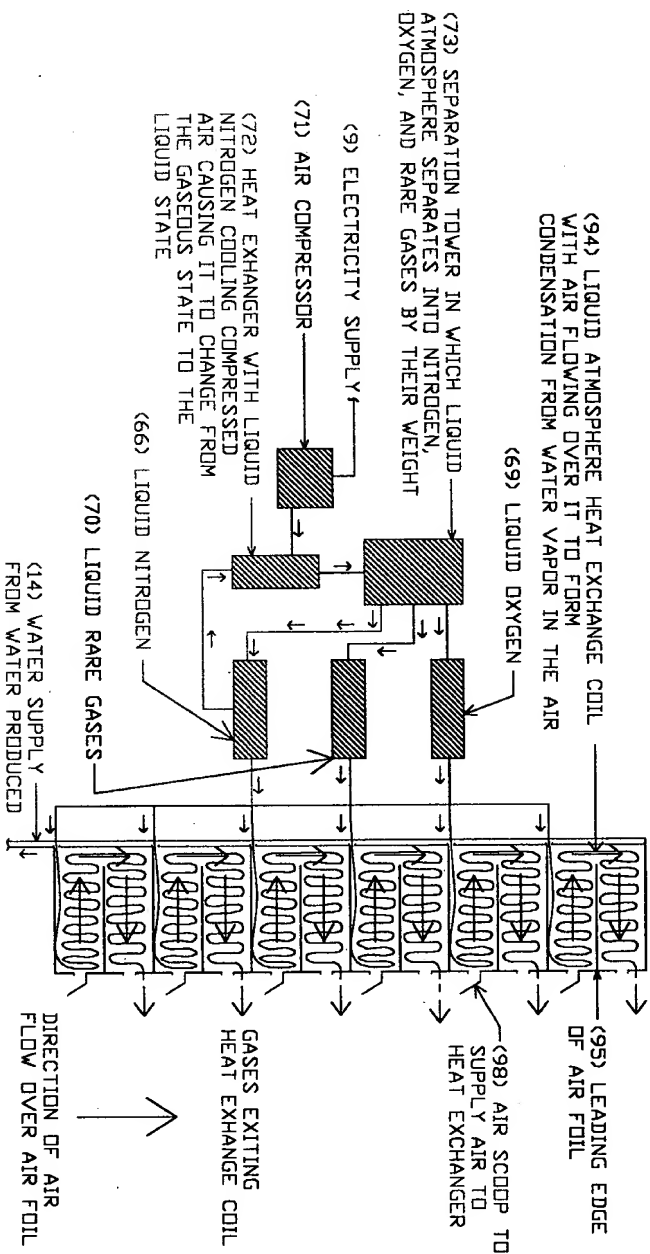


FIGURE 25. JET PROPULSION ENGINE POWERED PERSONAL TRANSPORT VEHICLE

